

Product datasheet for PH326876

PSD93 (DLG2) (NM_001142702) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DLG2 MS Standard C13 and N15-labeled recombinant protein (NP_001136174)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226876
Predicted MW:	38.2 kDa
Protein Sequence:	>RC226876 representing NM_001142702 Red=Cloning site Green=Tags(s) MMNHSMSGSGSLRTNQKRSLYVRAMFDYDKSKDSGLPSQGLSFKYGDILHVINASDDEWWQARRVMLEG DSEEMGVIPSKRRVERKERARLKTVKFNAKPGVIDSKGDIPGLGDDGYGKTLRGQEDLILSYEPVTRQE INYTRPVIILGPMKDRINDDLISEFPDKFGSCVPHTTRPKRDYEVDRDYHFVISREQMEKDIQEHKFIE AGQYNDNLYGTSVQSVRFVAERGKHCILDVSGNAIKRLQVAQLYPIAIFIKPRSLEPLMEMNKRLTEEQA KKTYPDRAIKLEQEFGEYFTAIVQGDTLEDIYNQCKLVIEEQSGPFIWIPSKEKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001136174</u>
RefSeq ORF:	1002
Synonyms:	chapsyn-110; PPP1R58; PSD-93; PSD93
Locus ID:	1740
UniProt ID:	<u>Q15700</u>



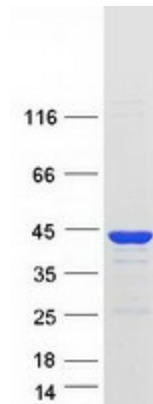
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Cytogenetics: 11q14.1

Summary: This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. The encoded protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described, but their full-length nature is not known. [provided by RefSeq, Dec 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified DLG2 protein (Cat# [TP326876]). The protein was produced from HEK293T cells transfected with DLG2 cDNA clone (Cat# [RC226876]) using MegaTran 2.0 (Cat# [TT210002]).